

New Product Summary

Launch Date – 1st November 2006
Under NDA Until - 1st October 2006

Epson
EMP **TW700**

The ultimate home cinema experience

Experience the thrill of the cinema in the comfort of your own home. The Epson EMP-TW700 lets you enjoy all your favourite movies, sports, video games and more on the big screen.

Designed to impress, the Epson EMP-TW700 is a stylish home cinema projector that performs in any room. Use it in bright or dim lighting, and position it wherever you please for perfect pictures. It will turn even the smallest room into a full size cinema.

HD ready, the 720p resolution gives you the highest possible image quality for maximum entertainment. And with the new Fujinon lens, you can enjoy even clearer and sharper images.

Key Features

- Flexible projector placement – dual direction lens shift ensures a perfect picture whatever the angle
- Great images in any light – with 1600 ANSI lumens brightness and 10000:1 contrast ratio
- Colours so natural images spring to life – thanks to 3LCD technology and unique Epson Cinema Filter
- Quick and easy image adjustment – 7 colour modes optimise the image to suit any lighting condition
- View with greater clarity than ever – the new Fujinon lens gives amazing sharpness
- Nothing to disturb your viewing – the fan operates at just 26db for minimum distraction
- Take control, even in the dark – the compact, easy-to-use remote control is conveniently back-lit

Ordering Information

Description	EMP-TW700 LCD Projector
Part Number	V11H244040DA
Barcode	8715946345154
Carton Dimensions	490x410x295mm
Carton Weight	Net: 7.9kg Gross: 9.0kg



 **3LCD** E-TORL  **HD ready**



Easy to use control panel



Screen Size & Projection Distance

Use the Epson Projection Distance Calculator software available from www.epson.co.uk for distances and screen sizes not shown below.

Accessories

Consumables

Spare Lamp

V13H010L39 (ELPLP39)



Air Filter Set

V13H134A09 (ELPAF09)

Screens

50" Portable Screen

V12H002S06 (ELPSC06)



60" Portable Screen

V12H002S07 (ELPSC07)

80" Portable Screen

V12H002S08 (ELPSC08)



Mountings

Ceiling Pipe (white)

V12H003P07 (ELPPF07)



Ceiling Mount

V12H003B20 (ELPMB20)



Cables

VGA Computer Cable HD-15 to HD-15 1.8m (ELPKC02)

V12H005C02



VGA Computer Cable HD-15 to HD-15 3.0m (ELPKC09)

V12H005C09

VGA Computer Cable HD-15 to HD-

15 20m (ELPKC10)

V12H005C10

What's in the Box

Projector



Remote Control stick type

2 x AAA alkali batteries
for the remote control



Power Cable

3m black cable



D Scart Adapter



Read This First Booklet

Explains the contents of the box and which manuals the user should refer to.

Setup Guide

Contains information on basic operations for preparing the projector before use (setup and connecting video equipment or a computer) and for starting projection.

Document CD-ROM

Contains information on common and useful functions, configuration, troubleshooting, and maintenance.

Safety Instructions

/ World Wide Warranty Terms

Specifications

Model	Epson EMP-TW700	Control I/O
Projection System	3LCD RGB Liquid-Crystal Shutter Projection System	I/O Terminal D-sub 9pin x1
Projection Method	Front / Rear / Ceiling Mount	I/O Signal RS-232C
Specification of main parts		Operating Temperature 5°C to 35 °C <41°F to 95 °F>
LCD	Size: 0.7 inches with MLA (D5) Driving Method: Poly-silicon TFT Active Matrix Pixel Number: 921,600 dots (1280x720) x3 Native Resolution: 720p Aspect Ratio: 16:9 Pixel Arrangement: Stripe Refresh Rate: 50Hz-60Hz (based on input signal)	Operating Altitude From 0 feet/ 0 m to 7,500 feet/ 2,286 m
Projection Lens	Type: Manual focus / zoom F-Number: 2.0 – 3.17 Focal Length: 22.5 mm – 47.2 mm Zoom Ratio: 1.0-2.1 Lens Cover: yes	Start-up Period 12sec (lamp on: 10sec)
Lamp	Type: 170 W UHE Life: 2000h (Colour Mode: Dynamic, Living Room, sRGB, Natural, Theatre), 3000h (Colour Mode: Theatre Black 1 and 2)	Direct Power On
Optical System	Dichroic Mirror Separation & Prism combine Method	Cool-down Period Approx. 30sec
Screen Size (Projected Distance)	30" to 300" [0.93 to 9.61 m] (Zoom: Wide), 30" to 300" [2.00 to 20.35 m] (Zoom: Tele)	Power Supply Voltage 100-240 VAC ±10% , 50/60Hz
Brightness	High Brightness Mode 1600 lumens (Colour mode: Dynamic, Zoom: Wide, Lens shift: V10/ H centre) Low Brightness Mode 400 lumens (Colour mode: Theatre Black 1, Zoom: Wide, Lens shift: V10/ H centre)	Power Consumption 100V-120V area (Japan, USA etc) Lamp ON: min. 200W, Standby: 4W 230V area (Europe etc.) Lamp ON: 200W, Standby: 5W
Contrast	10000:1 (Colour mode: Dynamic, Zoom: Wide, Lens shift: Full: Auto Iris: On)	Rated Voltage & Current 100 - 240 VAC 3.7 – 1.6A 50/60Hz
Brightness Uniformity	87.9% (Lens shift : V10/ H centre)	Dimensions Excluding Feet 310(D) x 406(W) x 124(H) mm
Remote Control Infrared Receiver Directivity	Right/ Left: -30 to +30 degrees Upper/ Lower: -30 to +30 degrees	Maximum 353(D) x 406(W) x 143(H) mm
Effective Scanning Frequency Range analogue	Pixel clock 13.5MHz to 110MHz Horizontal 15KHz to 92KHz Vertical 50Hz to 85Hz	Weight Approx. 11.9 lbs / 5.4 kg
Effective Scanning Frequency Range digital	Pixel clock 13.5MHz to 81MHz Horizontal 15KHz to 60KHz Vertical 50Hz to 85Hz	Fan Noise High Brightness Mode 33dB Low Brightness Mode 26dB
Adjustment Functions	Projector / Remote Control Keystone vertical, Brightness, Contrast, Tint, Saturation, Input Signal etc Foot adjuster: front side Tilt Angle 0 to 2.1 degrees Keystone Correction Vertical: -15 to +15 degrees (Zoom: Tele) Security Functions Key-lock, Child-lock	Accessories Remote Control Batteries (AAA Alkali battery x 2 for the remote control) Power Cable 3m D Scart Adapter User's Manual Set
Analogue RGB I/O	Display Performance Native : 750p	Optional Accessories V13H010L39 Spare Lamp (ELPLP39) V13H134A09 Air Filter (ELPAF09) V12H002S06 50" Portable Screen (ELPSC06) V12H002S07 60" Portable Screen (ELPSC07) V12H002S08 80" Portable Screen (ELPSC08) V12H003P07 Ceiling Pipe (white) (ELPFP07) V12H003B20 Ceiling Mount (ELPMB20) V12H005C02 VGA Computer Cable HD-15 to HD-15 1.8m (ELPKC02) V12H005C09VGA Computer Cable HD-15 to HD-15 3.0m (ELPKC09) V12H005C10VGA Computer Cable HD-15 to HD-15 20m (ELPKC10)
HDMI	Display Performance Native: 750p	
	Input Signal Signal Type: Separate Signal Video Signal: Analogue (0.7V p-p, 75 ohm / Mac0.714Vp-p, 75ohm) Sync. Signal: Separate(positive&negative, bi-polarity 2-5Vpp) / Composite(positive&negative, bi-polarity 2-5Vpp) / Sync-on-green(negative, 0.3Vpp)	
	Input Terminal Video: D-sub 15pin x1 Blue moulding	
Video I/O	Display Performance Native: 750p	
	Input Signal Signal Type: Separate Signal Version: 1.2a Video Signal: TMDS	
	Input Terminal 1x HDMI	
	Input Signal (Composite) Video Standard: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM Video Signal: Composite Video(1.0Vpp/ Sync.negative, 75 ohm) / S-Video(Luminous0.714Vpp, Chrominous 0.286Vpp, 75 ohm) /	
	Input Terminal (Composite) Video: Composite Video: RCA (Yellow) x 1 S-Video: Mini DIN	
	Input Signal (Component) Video Standard: 525i/ 625i/ 525p/ 625p/ 750p/ 1125i	
	Input Terminal (Component) 3x RCA	
	SCART Input Input Signal: Video Standard 625i Video Signal: RGB Video Input Terminal: 1x RCA	

